VIII. Listener 생성(srvctl 명령어 사용)

Oracle Database Configuration Assistant (DBCA)는 Oracle 데이터베이스를 설치하고 구성하는 데 사용되는 도구입니다. DBCA를 사용하여 데이터베이스를 설치할 때, 사전에 생성된 리스너가 자동으로 데이터베이스와 등록됩니다.

• 생성 전

\$ crsctl stat res -t

[+ASM@grid:~]\$ crsctl stat res -t				
Name	Target	State	Server	State details
Local Resource				
ora.DATA.dg ora.LISTENER.lg ora.asm ora.ons	ONLINE SNr ONLINE ONLINE	ONLINE ONLINE ONLINE	son son	STABLE STABLE Started,STABLE STABLE
OFFLINE OFFLINE son STABLECluster Resources				
ora.cssd 1 ora.diskmon 1 ora.evmd 1	ONLINE OFFLINE ONLINE	OFFLINE	son	STABLE STABLE STABLE

1. 리스너 생성(grid 유저)

srvctl add listener -listener LISTENER_SHM -endpoints "TCP:11521/IPC:EXTPROC1"

- 1: 리스너 이름을 지정합니다 (LISTENER_SHM).
- p: 리스너의 프로토콜 주소를 지정합니다.

```
[+ASM@grid:~]$ srvctl add listener -listener LISTENER_SHM -endpoints "TCP:11521/IPC:EXTPROC1"
[+ASM@grid:~]$
[+ASM@grid:~]$ crsctl stat res -t
                 Target State
                                                                      State details
Local Resources
ora.DATA.dg
ora.LISTENER.lsnr
ONLINE ONLINE
                                                                      STABLE
                                                                      STABLE
                                         son
ora.LISTENER_SHM.lsnr
OFFLINE OFFLINE
                                                                      STABLE
                                         son
ora.asm
                 ONLINE ONLINE
                                                                      Started, STABLE
                                         son
ora.ons
                OFFLINE OFFLINE
                                         son
                                                                      STABLE
Cluster Resources
ora.cssd
                 ONLINE ONLINE
                                         son
                                                                      STABLE
ora.diskmon
                 OFFLINE OFFLINE
                                                                      STABLE
ora.evmd
                 ONLINE ONLINE
                                                                      STABLE
```

2. 리스너 시작 및 상태 확인

```
srvctl start listener -1 LISTENER_SHM
srvctl status listener -1 LISTENER_SHM
lnsrctl status LISTENER_SHM
```

```
[+ASM@grid:~]$ srvctl start listener -l LISTENER SHM
[+ASM@grid:~]$ srvctl status listener -l LISTENER_SHM
Listener LISTENER_SHM is enabled
Listener LISTENER_SHM is running on node(s): son
[+ASM@grid:~]$
[+ASM@grid:~]$ lsnrctl status LISTENER_SHM
LSNRCTL for Linux: Version 19.0.0.0.0 - Production on 21-JUN-2024 16:53:29
Copyright (c) 1991, 2024, Oracle. All rights reserved.
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=LISTENER SHM)))
STATUS of the LISTENER
Alias
                             LISTENER SHM
                             TNSLSNR for Linux: Version 19.0.0.0.0 - Production 21-JUN-2024 16:52:53
Version
Start Date
Uptime
                             0 days 0 hr. 0 min. 36 sec
Trace Level
                             off
Security
                             ON: Local OS Authentication
SNMP
                             0FF
Listener Parameter File
                             /u01/app/grid/product/grid/network/admin/listener.ora
Listener Log File
                             /u01/app/grid/diag/tnslsnr/SON/listener shm/alert/log.xml
Listening Endpoints Summary...

(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER_SHM)))

(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=192.168.56.160)(PORT=11521)))
The listener supports no services
The command completed successfully
```

• crs 상태 확인

crsctl stat res -t

[+ASM@grid:~]\$	crsctl s	stat res -t		
Name	Target	State	Server	State details
Local Resource				
ora.DATA.dg				
one LICTEMED 1.	ONLINE	ONLINE	son	STABLE
ora.LISTENER.l	snr ONLINE	ONLINE	son	STABLE
ora.LISTENER_S				
ora.asm	ONLINE	ONLINE	son	STABLE
	ONLINE	ONLINE	son	Started,STABLE
ora.ons	OFFLINE	OFFLINE	son	STABLE
Cluster Resources				
ora.cssd				
. 1	ONLINE	ONLINE	son	STABLE
ora.diskmon 1	OFFLINE	OFFLINE		STABLE
ora.evmd 1	ONLINE	ONLINE	son	STABLE

3. 기존 리스너 삭제

1. 리스너 중지

```
[+ASM@grid:~]$ srvctl stop listener -listener LISTENER
[+ASM@grid:~]$
[+ASM@grid:~]$ crsctl stat res -t
                  Target State
                                            Server
                                                                           State details
Local Resources
ora.DATA.dg
                  ONLINE ONLINE
                                                                           STABLE
                                            son
ora.LISTENER.lsnr
OFFLINE OFFLINE
ora.LISTENER_SHM.lsnr
ONLINE ONLINE
                                            son
                                                                           STABLE
                                                                           STABLE
                                            son
ora.asm
                  ONLINE ONLINE
                                            son
                                                                           Started, STABLE
ora.ons
                  OFFLINE OFFLINE
                                                                           STABLE
                                            son
Cluster Resources
ora.cssd
                  ONLINE ONLINE
                                                                           STABLE
                                            son
ora.diskmon
                  OFFLINE OFFLINE
                                                                           STABLE
ora.evmd
                  ONLINE ONLINE
                                                                           STABLE
                                            son
```

```
[+ASM@grid:~]$ srvctl stop listener -listener LISTENER
[+ASM@grid:~]$
[+ASM@grid:~]$ crsctl stat res -t
```

Name	Target	State	Server	State details
Local Resourc				
ora.DATA.dg				
	ONLINE	ONLINE	son	STABLE
ora.LISTENER.	lsnr			
		OFFLINE	son	STABLE
ora.LISTENER_	_			
	ONLINE	ONLINE	son	STABLE
ora.asm	0.111 T.115	O		OL STARIE
	ONLINE	ONLINE	son	Started, STABLE
ora.ons	OFFLINE	OFFLINE	son	STABLE
Cluster Resources				
ora.cssd				
	ONI THE	ONLINE	son	STABLE
ora.diskmon	ONLINE	CHETHE	3011	OTTIBLE.
	OFFLINE	OFFLINE		STABLE
ora.evmd				
1	ONLINE	ONLINE	son	STABLE

2. 리스너 삭제

```
[+ASM@grid:~]$ srvctl remove listener -listener LISTENER
[+ASM@grid:~]$
[+ASM@grid:~]$ crsctl stat res -t
Name
               Target State Server
                                                                   State details
Local Resources
ora.DATA.dg
                ONLINE ONLINE
                                                                   STABLE
                                        son
ora.LISTENER_SHM.lsnr
ONLINE ONLINE
                                                                   STABLE
                                        son
ora.asm
                ONLINE ONLINE
                                                                   Started, STABLE
                                        son
ora.ons
                OFFLINE OFFLINE
                                                                   STABLE
                                        son
Cluster Resources
ora.cssd
                ONLINE ONLINE
                                                                   STABLE
                                        son
ora.diskmon
                OFFLINE OFFLINE
                                                                   STABLE
ora.evmd
                ONLINE ONLINE
                                                                   STABLE
                                        son
```

_ocal Resourd	ces			
ora.DATA.dg				
	ONLINE	ONLINE	son	STABLE
ora.LISTENER_	_SHM.lsnr			
	ONLINE	ONLINE	son	STABLE
ora.asm				
	ONLINE	ONLINE	son	Started, STABLE
ora.ons				
	OFFLINE	OFFLINE	son	STABLE
Cluster Resou	urces			
ora.cssd				
	ONLINE	ONI THE	son	STABLE
ora.diskmon	ONLINE	ONLINE	3011	STABLE
	OFFLINE	OFFI TNF		STABLE
ora.evmd	J LINE	J		5 <u>52</u> 2
	ONLINE	ONLINE	son	STABLE
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